

Claims:

3. A method according to claim 1, characterized in that the rebound motion is counteracted in that a force (F) is allowed to act on the stamping member (2) in the direction towards the material body.
5. A method according to claim 3, characterized in that the force (F) comprises a force ( $F_1$ ), which is applied to the stamping member (2) in the direction towards the material body (1).
6. A method according to claim 1, characterized in that a series of impacts is applied by means of the stamping member (2) against the material body (1) within said period.
8. A method according to claim 6, characterized in that the impulse, with which the stamping member (2) hits the material body (1) decreases with each impact in said series.
9. A method according claim 6, characterized in that after a first series of impact, at least one additional series of impacts is applied to the material body (1).
10. A method according to claim 1, characterized in that the stamping member (2) is caused to accelerate towards the material body (1) under the influence of the gravity force.
11. A method according to claim 1, characterized in that the material body (1) is a solid body comprising a metal material.
12. A method according to claim 1, characterized in that said deformation comprises a reshaping of the body.
13. A method according to claim 11, characterized in that the additional deformation comprising a gradual activation of sliding planes in the material body (1).
14. A method according to claim 1, characterized in that the material body (1) comprises a powder, provided in a mold.

16. A method according to claim 14, characterized in that a reciprocating wave appears in the body during said period, which has a kinetic energy generating a mutual displacement of powder grains, such that a compacting is achieved.
19. A device according to claim 17, characterized in that the path of motion of the stamping member (2) towards the material body (1) is such that the body is accelerated under the influence of the gravity force acting on it and the rebound is counteracted by the gravity force ( $m \cdot g$ ).
20. A device according to claim 17, characterized in that it comprises means (3) for application of a force ( $F_1$ ) to the stamping member (2), which force acts in the direction towards the material body (1) and counteracts the rebound.
21. A device according to claim 17, characterized in that it is arranged to perform a series of impacts by means of the stamping member (2) against the material body (1) within said period.